

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003711.D
 Acq On : 27 Jul 2018 10:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:41:25 PM

Quant Time: Jul 27 11:21:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	91589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	142756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	146350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71074	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.51	113	55369	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.72	98	212473	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.14	95	77239	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	56393	54.06	ug/l	98
3) Chloromethane	1.32	50	74947	54.54	ug/l	99
4) Vinyl Chloride	1.40	62	76442	54.39	ug/l	98
5) Bromomethane	1.64	94	41405	61.01	ug/l	93
6) Chloroethane	1.71	64	50993	54.93	ug/l	91
7) Trichlorofluoromethane	1.92	101	105301	58.21	ug/l	100
8) Diethyl Ether	2.19	74	45409	57.28	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64343	57.79	ug/l	99
10) Methyl Iodide	2.51	142	86025	56.86	ug/l	99
11) Tert butyl alcohol	3.09	59	93016	286.82	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61105	57.68	ug/l	92
13) Acrolein	2.29	56	38173	233.06	ug/l	97
14) Allyl chloride	2.73	41	115345	52.23	ug/l	99
15) Acrylonitrile	3.15	53	217528	277.61	ug/l	99
16) Acetone	2.45	43	188713	296.08	ug/l	95
17) Carbon Disulfide	2.57	76	174626	57.31	ug/l	100
18) Methyl Acetate	2.78	43	117707	61.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	222483	59.46	ug/l	99
20) Methylene Chloride	2.86	84	73942	58.55	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	67287	59.07	ug/l	99
22) Diisopropyl ether	3.88	45	223486	55.43	ug/l #	91
23) Vinyl Acetate	3.82	43	936533	271.15	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131466	57.85	ug/l	100
25) 2-Butanone	4.71	43	285554	290.01	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36773	25.59	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	77298	62.50	ug/l	90
28) Bromochloromethane	5.02	49	45573	49.97	ug/l	99
29) Tetrahydrofuran	5.17	42	160315	250.11	ug/l	98
30) Chloroform	5.22	83	107151	51.98	ug/l	98
31) Cyclohexane	5.57	56	93905	51.48	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	88863	51.91	ug/l	97
36) 1,1-Dichloropropene	5.80	75	78934	47.30	ug/l	99
37) Ethyl Acetate	4.87	43	106918	53.29	ug/l	98
38) Carbon Tetrachloride	5.78	117	78753	48.97	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86831	47.27	ug/l	100
40) Benzene	6.15	78	244483	49.51	ug/l	97
41) Methacrylonitrile	5.07	41	53339	48.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88796	51.09	ug/l	99
43) Isopropyl Acetate	6.47	43	146658	50.10	ug/l	99
44) Trichloroethene	7.22	130	59479	44.93	ug/l	99
45) 1,2-Dichloropropane	7.52	63	63076	49.42	ug/l	98
46) Dibromomethane	7.67	93	40795	49.75	ug/l	97
47) Bromodichloromethane	7.90	83	76686	49.88	ug/l	98
48) Methyl methacrylate	7.78	41	74636	50.25	ug/l	96
49) 1,4-Dioxane	7.76	88	31504	950.68	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	486475	246.32	ug/l	98
52) Toluene	8.79	92	146939	47.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	82060	43.81	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	76115	44.72	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	70133	55.90	ug/l	99
56) Ethyl methacrylate	9.18	69	110014	58.92	ug/l	100
57) 1,3-Dichloropropane	9.37	76	110343	52.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	239980	255.78	ug/l	99
59) 2-Hexanone	9.50	43	424852	280.43	ug/l	98
60) Dibromochloromethane	9.59	129	71587	60.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	75113	57.49	ug/l	100
64) Tetrachloroethene	9.34	164	61825	46.21	ug/l	97
65) Chlorobenzene	10.14	112	174858	47.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	61834	48.29	ug/l	99
67) Ethyl Benzene	10.26	91	295835	47.98	ug/l	100
68) m/p-Xylenes	10.36	106	220792	93.35	ug/l	99
69) o-Xylene	10.70	106	106369	46.72	ug/l	99
70) Styrene	10.71	104	180855	47.28	ug/l	99
71) Bromoform	10.86	173	46431	45.86	ug/l #	99
73) Isopropylbenzene	11.02	105	285362	43.96	ug/l	99
74) N-amyl acetate	6.47	43	146658	43.32	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	99079	41.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83403m	41.85	ug/l	
77) Bromobenzene	11.26	156	73886	41.91	ug/l	98
78) n-propylbenzene	11.36	91	334057	44.57	ug/l	99
79) 2-Chlorotoluene	11.42	91	196288	43.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	242920	44.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21701	33.74	ug/l	97
82) 4-Chlorotoluene	11.51	91	233425	43.50	ug/l	99
83) tert-Butylbenzene	11.77	119	232176	43.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	252562	44.75	ug/l	99
85) sec-Butylbenzene	11.95	105	324324	50.57	ug/l	100
86) p-Isopropyltoluene	12.07	119	269987	46.90	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	146228	44.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	170595	49.98	ug/l	100
89) n-Butylbenzene	12.39	91	259423	50.00	ug/l	100
90) Hexachloroethane	12.60	117	46259	53.06	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	168037	50.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24015	48.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122300	51.09	ug/l	100
94) Hexachlorobutadiene	13.79	225	53486	48.30	ug/l	100
95) Naphthalene	13.83	128	389752	53.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125638	51.67	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

